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| Substitute for form 1449A/PTO PATENT DOCUMENTS SUBMITTED BY APPLICANT | | | | Complete If Known | |
| | | | | Application Number | 09/368,670 |
| | | | | Filing Date | August 5, 1999 |
| | | | | First Named Inventor | Llinas-Brunet, M. et al |
| | | | | Group Art Unit | 1653 |
| | | | | Examiner Name | D. Lukton |
| Sheet | 1 | of | 2 | Attorney Docket Number | 13/063-2-C2 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|----------|----------------------|-----------------------------------|---|--|
| Examiner Initials | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Number | Kind Code ² (if known) | | |
| | AUS1 | 5,633,388 | | Diana, et al | 05/27/97 |
| | AUS2 | | | | |
| | AUS3 | | | | |
| | AUS4 | | | | |
| | AUS5 | | | | |
| | AUS6 | | | | |
| | AUS7 | | | | |
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| | AUS19 | | | | |
| | AUS20 | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|----------|-------------------------|-------------|----------------------|---|--|
| Examiner Initials | Cite No. | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Office | Number | Kind Code (if known) | | |
| | AF1 | PCT | WO 95/33763 | | Hoechst Marion Roussel | 12/14/95 |
| | AF2 | PCT | WO 97/06804 | | Glaxo Group | 02/27/97 |
| | AF3 | PCT | WO 98/17679 | | Vertex Pharm. | 05/30/98 |
| | AF4 | PCT | WO 98/46597 | | Emory Univ. | 10/22/98 |
| | AF5 | PCT | WO 98/46630 | | Peptide Therapeutics | 10/22/98 |
| | AF6 | | | | | |
| | AF7 | | | | | |
| | AF8 | | | | | |
| | AF9 | | | | | |
| | AF10 | | | | | |

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| Examiner Signature | <i>David Lukton</i> | Date Considered | <i>1/31/01</i> |
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| Substitute for form 1449B/PTO | | | | Complete If Known | |
| NON-PATENT DOCUMENTS SUBMITTED BY APPLICANT | | | | Application Number | 09/368,670 |
| Sheet | 2 | of | 2 | Filing Date | August 5, 1999 |
| | | | | First Named Inventor | Llinas-Brunet, M. et al |
| | | | | Group Art Unit | 1653 |
| | | | | Examiner Name | D. Lukton |
| | | | | Attorney Docket Number | 13/063-2-C2 |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T |
|-------------------|----------|--|--------------------------|
| <i>DL</i> | A01 | LLINAS-BRUNET, MONTSE; "Peptide-based Inhibitors of the Hepatitis Virus Serine Protease," Bioorganic & Medicinal Chemistry Letters, vol. 8, no. 13, 7 July 1998, pp. 1713-1718 | <input type="checkbox"/> |
| <i>DL</i> | A02 | INGALLINELLA, PAOLO; "Potent Peptide Inhibitors of Human Hepatitis C Virus NS3 Protease Are Obtained by Optimizing the Cleavage Products"; Biochemistry 1998, 37, 8906-8914 | <input type="checkbox"/> |
| <i>DL</i> | A03 | LANDRO, JAMES A.; "Mechanistic Role of an NS4A Peptide Cofactor with the Truncated NS3 Protease of Hepatitis C Virus: Elucidation of the NS4A Stimulatory Effect via Kinetic Analysis and Inhibitor Mapping"; Biochemistry 1997, 36, 9340-9348 | <input type="checkbox"/> |
| <i>DL</i> | A04 | MORI, E.A.; "The N-terminal region of NS3 serine protease of HCV is important to maintain its enzymatic integrity", Biochem. Biophys. Res. Comm., vol 231, no. 3, 24 February 1997, pp. 738-742 | <input type="checkbox"/> |
| <i>DL</i> | A05 | CHU, et al; Tetrahedron Letters, 1996 Vol. 37, pages 7229-7232 | <input type="checkbox"/> |
| <i>DL</i> | A06 | MATSUMOTO, et al; Antiviral Research, Vol. 30, No. 1, page A23 (abstract 19) 1996 | <input type="checkbox"/> |
| <i>DL</i> | A07 | STEINKUHLER, et al; Biochemistry, Vol. 37, pages 8899-8905- 1998 | <input type="checkbox"/> |
| <i>DL</i> | A08 | Abstract of Patents Preview, 1997, Derwent Information Ltd. for Japanese Patent Application JP 1029815-A published November 10, 1998 (Japanese Energy Corp.) | <input type="checkbox"/> |
| | A09 | | <input type="checkbox"/> |
| | A010 | | <input type="checkbox"/> |
| | A011 | | <input type="checkbox"/> |

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| Examiner Signature | <i>David Lukton</i> | Date Considered | <i>5/31/01</i> |
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